

COMBINED DECLARATIC ... OWER OF ATTORNEY FOR UTILIT

JIGN PATENT APPLICATION

As a bel w named invent r, I hereby declare that:

My residence, post office addr ss and citizenship ar as stated b low next t my name.

I'b liev that I am the original, first and sole inv ntor (if only one nam is listed below) or an original, first and joint inventor (if plural nam s are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RECORDING MEDIUM FOR STORING DEFECT MANAGEMENT INFORMATION FOR RECORDING REAL TIME DATA, DEFECT MANAGING METHOD THEREFOR, AND REAL TIME DATA RECORDING METHOD

the specification of which is attached hereto, unless the following box is checked:

was filed on April 20, 1999 as United States Application Number or PCT International Application Number 09/294,344 and was amended on (if applicable).

I h reby state that I have reviewed and understand the contents of the above-identified specification, including th claims, as amended by any amendment referred to above.

| certificate having a filing d | • | · | Priority Not Claimec |
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| Prior Foreign Application(s) | | | Priority Not Craimet |
| 98-14059 | Korea | 20/April/1998 | - . LJ |
| (Number) | (Country) | Day/Month/Year Filed | _ |
| 98-23913 | Korea (Country) | 24/June/1998 Day/Month/Year Filed | _ U |
| (Number) | • | | |
| 98-29733 (Number) | Korea (Country) | 23/July/1998 Day/Month/Year Filed | |
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| 98-34880 (Number) | Korea (Country) | 27/August/1998 Day/Month/Year Filed | → • . □ |
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| 98-35847 (Number) | Korea (Country) | 1/September/1998 Day/Month/Year Filed | _ ⊔ |
| (Application Serial No.) | | ١ | |
| I hereby appoint the following | (Filing Date) g attorneys and agent to prose | cute this application and to transact all | pending, abandoned) business in the Paten |
| Thereby appoint the following and Trademark Office connecte 25,908; John C. Garvey, 28,60 J. Henry, 36,162; Gene M. Garrodd E. Marlette, 35,269; Geo | g attorneys and agent to prose d therewith: James D. 7; J. Randall Beckers, 30,358; her II, 34,172; Michael D. Stei rge N. Stevens, 36,938; Michae | | business in the Pater ,010; David M. Pitcher ollhofer, 31,106; Marl P. Joyce, III, 37,648 ,235; Kevin R. Spivak |
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Additional inventors are being named on separately numbered sheet(s) attached hereto.